

# 135W AC ROTARY TOOL

DECO03AC

1. Cord protector
2. Wire loop
3. On/off switch
4. Variable speed dial
5. Spindle lock button
6. Collet nut
7. Collet
8. Brush caps
9. Collet cover



## Warranty Powertools

Whilst every effort is made to ensure your complete satisfaction with this tool, occasionally, due to the mass manufacturing techniques, a tool may not live up to our required level of performance and you may need the assistance of our service department.

This product is warranted for a 2-year period for home domestic use from the date of the original purchase. If found to be defective in materials or workmanship, the tool or the offending faulty component will be repaired or replaced free of charge with another of the same item. A small freight charge may apply. Proof of purchase is essential. We reserve the right to reject any claim where the purchase cannot be verified.

This warranty does not include damage or defects to the tool caused by or resulting from abuse, accidents, alterations or commercial or business use. It also does not cover any bonus items or included accessories. Only the powertool is covered under this warranty.

With continuing product development, changes may have occurred which render the product received slightly different to that shown in this instruction manual.

Please ensure that you store your receipt in a safe place.

Conditions apply to the above warranty. For full details of the warranty terms and conditions please refer to our website – [www.gmccompany.com](http://www.gmccompany.com)

For prompt service we suggest you log your service request online - [www.gmcservice.com.au](http://www.gmcservice.com.au), should you not have access to the internet, please contact our service department on 1300 880 001 (Australia) or 0800 445 721 (New Zealand).

## Introduction

Your new GMC power tool will more than satisfy your expectations. It has been manufactured under stringent GMC Quality Standards to meet superior performance criteria.

You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

## Caution

Carefully read through this entire Instruction Manual before using your new GMC Power Tool. Take special care to heed the Cautions and Warnings.

Your GMC power tool has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this tool, making it easy to maintain and operate.

## Environmental protection



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

## Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.

M8 Spindle thread for Collet nut



Read instruction manual



Wear hearing protection.



Wear eye protection.



Wear breathing protection.



Double insulated for additional protection.



Conforms to relevant standards for electromagnetic compatibility.

N380

## Specifications

Input power:	135W
Power supply:	230-240V ~ 50 Hz
No load speed:	15000-35000min <sup>-1</sup>
Collet size:	Ø1.5mm, Ø2.0mm, Ø2.4mm and Ø3.2mm
M8 spindle	
Max. Drill	Ø 3.2mm
Max. Grinding disc	Ø 25 x Ø 2mm
Cord length:	1.8 metres
Tool weight:	0.7 kg
Flexible shaft length:	1.0 m
Sound pressure level:	83 dB(A)
Sound power level:	96 dB(A)
Vibration:	0.482 m/s <sup>2</sup>

## Safety instructions

**WARNING.** Read and understand all instructions.

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

## Save these instructions

### Work area

- **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### Electrical safety

- **If cordset is damaged have it replaced by an authorised service centre.**
- **Power tool plugs must match the outlet.** Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.** Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an outdoor extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

### Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- **Use safety equipment. Always wear eye protection.** Safety equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection use.

- **Avoid accidental starting.** Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the tool on.** A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities ensure that these are connected and properly used.** Use of these devices can reduce dust-related hazards.

### Power tool use and care

- **Do not force the power tool.** Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.

### Service

- **Have your power tool serviced by a qualified repair personnel using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

### Additional safety instructions for rotary tools

- **Do not use a disc marked with a lower RPM than that of the maximum no load speed shown on the rating label**
- **Always wear eye, ear and breathing protection**
- Do not apply too much pressure when grinding, cutting, etc
- Keep your hands well clear of the cutting devices

**WARNING.** The use of an accessory or attachment, other than those recommended in this Instruction Manual, may present a risk of personal injury.

To use this tool properly, you must observe the safety regulations, the assembly instructions and the operating instructions to be found in this Manual. All persons who use and service the machine have to be acquainted with this Manual and must be informed about its potential hazards. Children and infirmed people must not use this tool.

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Children should be supervised at all times if they are in the area in which the tool is being used. It is also imperative that you observe the accident prevention regulations in force in your area. The same applies for general rules of occupational health and safety.

The manufacturer shall not be liable for any changes made to the tool nor for any damage resulting from such changes. Even when the tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

- Damage to the lungs if an effective dust mask is not worn.
- Damage to hearing if effective earmuffs are not worn.
- Damage to eyes if effective goggles are not worn
- Risk of injury unless hands are kept well clear of cutting devices

## Unpacking

Due to modern mass production techniques, it is unlikely that your GMC Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

## Operation

**WARNING.** Before connecting a tool to a power source (power point receptacle, outlet, etc.) be sure that the voltage supply is the same as that specified on the nameplate of the tool. A power source with a voltage greater than that specified for the tool can result in serious injury to the user, as well as damage to the tool. If in doubt, do not plug in the tool. Using a power source with a voltage less than the nameplate rating is harmful to the motor.

## Switch on

1. Set the variable speed dial (4) to 1 and push the on/off switch (3) to "I", the machine is in continuous operation, and will start at minimum speed.

## Switch off

1. Reset the variable speed dial (4) to 1 and push the on/off switch (3) to position "0".

## Varying the speed

1. You can use the variable speed dial (4) to alter the speed of the collet, as follows:
  - Position 1 - Slow
  - Position 3 - Medium
  - Position 6 - Fast
2. Select the correct speed for the work and type of bit you are using. In general, lower speeds are best suited for large accessories and higher speed for smaller accessories.

## Quick reference guide

Operation	Speed
• Cutting metal	5 - 6
• Sanding wood	5 - 6
• Cutting hard metal	5 - 6
• Engraving metal	4 - 5
• De-burring	4 - 5
• Drilling holes	4 - 5
• Removing rust	3 - 4
• Sharpening	3 - 4
• Polishing	1 - 2

## Holding the tool

1. For jobs such as milling or engraving where precision is required, hold the tool like a pen.
2. For heavier work like cutting or grinding hold the machine in the palm of your hand.

## Changing accessories

1. Make sure that the machine is switched off and the plug removed from the power before you commence changeover.
2. Loosen and tighten collet fully using the 2 in 1 wrench provided. (always ensure bits are tight before commencing any work with your tool).
3. Press and hold down the spindle lock button (5) and unscrew the Collet nut (6).
4. Select a suitable Collet for the accessory to be used and insert it in the collet nut shaft.
5. Turn the Collet nut in an anti-clockwise direction to loosen and, when the bit is in place, turn the Collet nut in clockwise direction to lock it in place, whilst depressing the spindle lock.

6. Make sure that the bit is inserted as far as possible. Having too much shaft exposed could cause it to damage or bend.

## Locating a cutting/sanding disc

1. Insert the disc holder into the Collet (7) whilst the Collet nut (6) is loosened.
2. Remove the screw from the end of the disk holder with the 2 in 1 wrench provided, and insert the screw through the cutting/sanding disc.
3. Replace the screw and tighten, attaching the cutting or sanding disc onto the holder. (Do not over-tighten)

## Locating a sanding drum

1. Loosen the small screw in the top of the holder (This allows the rubber to slacken).
2. Slide the sanding drum onto the holder.
3. Secure the sanding drum in place by tightening the screw causing the rubber drum to bulge and grip the drum. (Do not over-tighten)

## Attaching the flexible shaft

**WARNING.** Never bend the flexible shaft with a radius of less than 150 mm (6") when operating. Please store the flexible shaft in the designated compartment of the carry case when not in use.

1. Remove the collet cover (9), and loosen the collet nut (6) by turning them anti-clockwise.
2. Insert the inner cable of the flexible shaft into the collet (7) until the cable cannot go any further.
3. Tighten the collet nut (6) with the wrench by turning the nut clockwise.
4. Thread the flexible shaft collet cover onto the tool housing by turning it clockwise, and finger tighten only.

**WARNING.** Never tighten the collet nut with the use of pliers or a wrench as the thread will strip.

## Changing the collet and accessories

**Note.** To change the collet or install a cutter or accessory into the flexible shaft, follow the same general procedure as covered earlier under 'Changing accessories'.

**WARNING.** Do not attempt to loosen the collet nut without pulling the spindle lock back as far as possible. Damage to the flexible shaft will result.

1. To lock the spindle lock, pull the lock back as far as possible.
2. Use the wrench to loosen and tighten the collet nut.

## Maintenance

1. Store the machine, instruction manual and, where necessary, the accessories in the original packaging. In this way you will always have all the information and parts ready to hand.

## Cleaning

1. Keep the tool's air vents unclogged and clean at all times.
2. Remove dust and dirt regularly. Cleaning is best done with a rag.
3. Never use caustic agents to clean plastic parts.

**CAUTION.** Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool.

## Repairs

1. Only an authorised service centre should replace the cordset or effect other repairs. If the cordset is damaged or worn, have it repaired or replaced by an authorised service centre.
2. When the brushes are worn, the tool may not work. Have new brushes fitted by an authorised service centre.

Please refer to your warranty card, which is separate to these instructions

## Accessories For DEC003AC Kit

### Sanding

Sanding drums are perfect for detailed sanding jobs.

- 5 Coarse sanding sheets 20 mm diameter
- 5 Fine sanding sheets 20 mm diameter
- 5 Sanding bands 15 mm diameter

### Mandrels

- 1 Mandrel for sanding band 3.2 mm Diameter shaft
- 1 Disc mandrel for cut-off wheel 3.2 mm Diameter shaft
- 1 Polishing pad mandrel 3.2 mm Diameter shaft

### Grinding

The perfect way to remove burrs and sharpen tools.

- 5 Grinding stones Various shapes & sizes

## Cutting

Various cutting wheels let you cut, trim and shape metal, glass and ceramics.

- 1 Ball-shaped high speed cutter 2.4 mm Diameter shaft
- 1 Corn-shaped cutter 2.4 mm Diameter shaft
- 8 Cut-off wheels 24 mm Diameter

## Polishing & cleaning

Ideal for removing rust, smoothing out imperfections or cleaning tools.

- 1 Polishing pads Felt 13 x 9 mm
- 1 Polishing pads Felt 25 x 5 mm
- 1 Bristle Brush Brass 3.2 mm Diameter shaft
- 1 Wire brush wheel 3.2 mm Diameter shaft

## Drilling

An extremely convenient way to drill holes with more detail and precision.

- 1 High speed drill bit 3.2 mm diameter
- 1 2 in 1 Wrench
- 4 Collets Ø1.5mm, Ø2.0mm, Ø2.4mm and Ø3.2mm
- 1 Stone for dressing grinding wheels 26 x 10 x 10 mm

## **GMC** customer assist

If your product needs repairing, replacing, technical service or you simply need help or advice, please contact us on our Customer Assist Line 1300 880 001 (Australia) or 0800 445 721 (New Zealand).

For prompt service we suggest you log your service request online at [www.gmcservice.com.au](http://www.gmcservice.com.au). Should you not have access to the Internet, please contact our service department on 1300 880 001 (Australia) or 0800 445 721 (New Zealand). 7am-7pm, 7days a week (AEST).

Please note that if repair or replacement is required, you must provide a valid official purchase receipt.

You will need the following details at hand to log your service request;

**Personal details:**

First & Last name, address, pick up address, contact phone numbers, email address

**Product details:**

Product number, date of purchase, retailer bought from, State & postcode, receipt number, reason for the request, copy of official purchase receipt

Attach your purchase receipt and save with this Manual for future reference.

Please refer to our website [www.gmc.com.au](http://www.gmc.com.au) for full GMC warranty Terms and Conditions.

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